

AMENDMENTS TO THE SPECIFICATION

Please replace the last paragraph in its entirety with the following amended paragraph:

Current command values I_{avref} , I_{bvref} , and I_{cvref} are calculated on the basis of a current command value I_{qref} from the q-axis command current calculating unit 108 and an advance angle Φ of advance angle control described later. ~~In other words, the q-axis command current calculating unit 108 inputs the advance angle Φ and the current command value I_{qref} calculated by an advance angle calculating unit 107 and a two-phase/three-phase converting unit 109 calculates the current command values I_{avref} , I_{bvref} , and I_{cvref} .~~ In other words, a two-phase/three phase converting unit 109 calculates the current command values I_{avref} , I_{bvref} and I_{cvref} based on the advance angle Φ calculated in the advance angle calculating unit 107 and the current command value I_{qref} calculated in the q-axis command current calculating unit 108.

Please replace the entire first sentence in the last paragraph on page 27, with the following amended sentence:

However, the current command value I_{dref} represented by ~~expression (6)~~ expression (7) has a negative polarity and an induced voltage component of the current command value I_{dref} concerning $L(di/dt)$ of expression (6) has a polarity opposite to that of the counter-electromotive force E .